

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

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PROJECT NO. 6.469002T		ID. R-0513BA		COUNTY ROBESON		GEOLOGIST O.B. OTI									
SITE DESCRIPTION STRUCTURES NO. 1 AND 2 ON -L- (US 74 BYPASS) OVER -YI- (NC 710)							GROUND WATER								
BORING NO. EB2-A(W)		BORING LOCATION 113+83.8		OFFSET 21.5m LT	ALIGNMENT -L-		0 HR. N/A								
COLLAR ELEV. 47.61m		NORTHING 99911.5		EASTING 587209.2		24 HR. 3.90m									
TOTAL DEPTH 16.57m		DRILL MACHINE CME-550		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC									
START DATE 4/24/03		COMPLETION DATE 4/24/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A									
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
47.61															
	0.92	2	5	7	0.30										DUPLIN FORMATION, TAN-BROWN, SAND
46.00															
	2.44	1	2	5	0.30										LIGHT GRAY, SANDY SILT
44.00															
	3.96	1	1	2	0.30										LIGHT GRAY, SILTY CLAY
42.00															
	5.48	3	9	14	0.30										
40.00															
	7.00	7	15	17	0.30										
38.00															
	8.52	7	9	12	0.30										WHITE-GRAY, COARSE SAND
36.00															
	10.04	1	2	2	0.30										
34.00															
	11.56	2	5	7	0.30										
32.00															
	13.08	3	9	12	0.30										BLACK CREEK FORMATION, LIGHT TO DARK GRAY, SILTY CLAY
30.00															
	14.60	3	6	8	0.30										
28.00															
	16.12	6	9	15	0.30										
BORING TERMINATED AT ELEVATION 31.04 METERS IN SILTY CLAY															

PROJECT NO. 6.469002T		ID. R-0513BA		COUNTY ROBESON		GEOLOGIST O.B. OTI									
SITE DESCRIPTION STRUCTURES NO. 1 AND 2 ON -L- (US 74 BYPASS) OVER -YI- (NC 710)							GROUND WATER								
BORING NO. EB2-B(E)		BORING LOCATION 114+24.4		OFFSET 19.8m RT	ALIGNMENT -L-		0 HR. N/A								
COLLAR ELEV. 48.08m		NORTHING 99854.1		EASTING 587201.6		24 HR. 2.00m									
TOTAL DEPTH 16.53m		DRILL MACHINE CME-550		DRILL METHOD ROTARY W/MUD		HAMMER TYPE AUTOMATIC									
START DATE 4/23/03		COMPLETION DATE 4/23/03		SURFACE WATER DEPTH N/A		DEPTH TO ROCK N/A									
ELEV.	DEPTH	BLOW COUNT			PEN. (m)	BLOWS PER 30cm					SAMPLE NUMBER	LOG MOI.	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100					
48.08															
48.00															
	0.88	1	2	2	0.30										
46.00															
	2.40	4	5	7	0.30										DUPLIN FORMATION, TAN-BROWN, SAND
44.00															
	3.92	3	9	7	0.30										
42.00															
	5.44	5	10	10	0.30										
40.00															
	6.69	7	12	14	0.30										
38.00															
	8.48	7	11	13	0.30										TAN-GRAY, COARSE SAND
36.00															
	10.00	8	10	12	0.30										
34.00															
	11.52	2	6	7	0.30										
32.00															
	13.04	3	5	9	0.30										TAN-GRAY, SILTY SAND
30.00															
	14.56	4	5	6	0.30										
28.00															
	16.08	8	10	12	0.30										
BORING TERMINATED AT ELEVATION 31.55 METERS IN SILTY CLAY															